

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 09-274725

(43)Date of publication of application : 21.10.1997

(51)Int.Cl.

G11B 7/09

(21)Application number : 08-082641

(71)Applicant : SONY CORP

(22)Date of filing : 04.04.1996

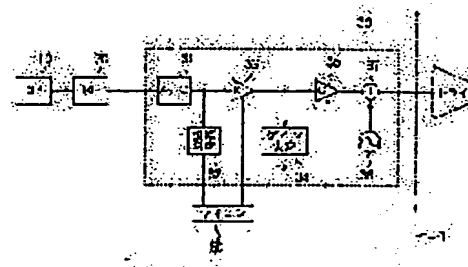
(72)Inventor : HASHIMOTO MINORU
OSHIMA YOICHI

(54) AUTOMATIC TRACKING SERVO GAIN CONTROL CIRCUIT AND ITS METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To enable the gain control by setting a tracking error signal into a servo even when the level of its initial signal is low.

SOLUTION: First of all, before the tracking servo is turned on, an amplitude (e) of the tracking error signal obtained via an optical pickup 10, an RF processing circuit 20 and an A/D converter 31 is measured by an amplitude measuring part 32. Based on this amplitude (e), a 1st gain K of a coefft. multiplier 33 is adjusted by a microcomputer 50 in order to enable its tracking error signal to have a level at least to an extent for setting the servo. Then, the tracking servo is turned on, and under the tracking servo state, disturbance is impressed upon a head from a disturbance impressing part 36 to move the head, and for a tracking error signal attending upon this movement a gain is measured by a gain measuring part 34, and based on this measured gain, a suitable gain is set in a gain control amplifier 35.



LEGAL STATUS

[Date of request for examination]

12.08.2002

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]